

Approved for use through 07/31/2006. OMB 0651-0032  
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)

## Complete if Known

Application Number	10/679,070
Filing Date	October 2, 2003
First Named Inventor	Mary C. Smoot et al.
Examiner Name	Kristal J. Feggins
Art Unit	2861
Attorney Docket No.	2002-0124.02

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number  
20-0809  
Deposit Account Name  
Thompson Hine LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$ 0.00)	

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		(\$ 0.00)

\*\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b> (\$ 180.00)	

(Complete if applicable)

Name (Print/Type)	John F. Kane	Registration No. (Attorney/Agent)	44,815	Telephone	937-443-6816
Signature			Date	4/29/04	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

JUL 06 2004

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	
Filing Date	10/03/2003
First Named Inventor	Mary C. Smoot
Art Unit	
Examiner Name	
Attorney Docket Number	2002-0124.02

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4680859	07/21/1987	Johnson	
		US- 4935750	06/19/1990	Hawkins	
		US- 5435961	07/25/1995	Micciche	
		US- 5450113	09/12/1995	Childers et al.	
		US- 5478700	12/26/1995	Gaynes et al.	
		US- 5515089	05/07/1996	Herko et al.	
		US- 5538586	07/23/1996	Swanson et al.	
		US- 5539153	07/23/1996	Schwiebert et al.	
		US- 5736998	04/07/1998	Caren et al.	
		US- 5905513	05/18/1999	Brandon et al.	
		US- 6076912	06/20/2000	Murthy	
		US- 6098257	08/08/2000	Koido et al.	
		US- 6244696	06/12/2001	Tran et al.	
		US- 6267472	07/31/2001	Maher et al.	
		US- 6290340	09/18/2001	Kitahara et al.	
		US- 6328423	12/11/2001	Wong et al.	
		US- 6361152	03/26/2002	Fujisawa	
		US- 6386434	05/14/2002	Wong	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature

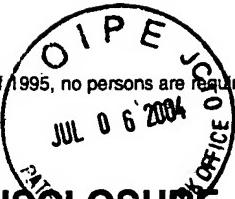
Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO



## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2 of 2

<i>Complete if Known</i>	
Application Number	
Filing Date	10/03/2003
First Named Inventor	Mary C. Smoot
Art Unit	
Examiner Name	
Attorney Docket Number	2002-0124.02

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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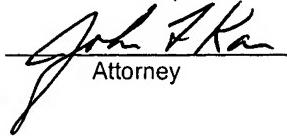


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited in the United States Postal Service as first class mail in the envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on

10-29-04

Date of Deposit

  
John F. Kan  
Attorney

44,815

Reg. No.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Applicant : Mary C. Smoot et al.  
Appln. No. : 10/679,070  
Filed : October 2, 2003  
Title : METHOD FOR APPLYING AN ENCAPSULANT MATERIAL TO AN INK JET PRINthead  
Docket No. : 2002-0124.02  
Examiner : Kristal J. Feggins  
Art Unit : 2861

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

This supplemental information disclosure statement is being filed under 37 C.F.R. §1.97(c), after the date of the first Official Action and prior to the final rejection or notice of allowance. This statement is accompanied by the applicable fee of \$180.00, as set forth in 37 C.F.R. §1.17(p).

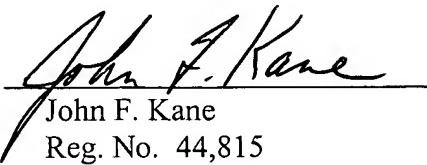
Pursuant to 37 C.F.R. §1.56, the Examiner's attention is directed to the references listed on the attached Information Disclosure Citation.

It is to be understood that the present submission of art is in no way intended to be a waiver of any arguments or defenses available to the applicant under the rules of the U.S. Patent and Trademark Office and the statutes of the United States.

Appl. No.: 10/679,070  
Docket No.: 2002-0124.02  
Supplemental Information Disclosure Statement

The Commissioner is authorized to charge any additional fee required by this paper (including the fee for any additional extension of time) or to credit any overpayment to Deposit Account No. 20-0809.

Respectfully submitted:

By:   
John F. Kane  
Reg. No. 44,815

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#346208

## INFORMATION DISCLOSURE CITATION



Docket: 2002-0124.02	Appln. No.: 10/679,070
Applicant: Mary C. Smoot et al.	
Filed: October 2, 2003	Group: 2861

## U.S. PATENT DOCUMENTS

Examiner	Document No.	Date	Name	Class	Sub	
	2004/0089171	05/2004	Jiang et al.			
	6,371,017	04/2002	Yamazaki et al.			
	5,807,606	09/1998	Mould et al.			
	5,627,108	05/1997	Alibocus et al.			

## FOREIGN PATENT DOCUMENT

Trans

Examiner	Document No.	Date	Country	Class	Sub	Y	N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner: \_\_\_\_\_ Date Considered: \_\_\_\_\_

\* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.